

MAY 18 2004

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Deliver to: Art Unit 2822  
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From: Brent E. Vecchia  
Date: May 18, 2004 Time: \_\_\_\_\_  
Operator: Krista Mathieson Matter: 042390.P11434  
Number of pages including cover sheet: 13  
In Re Patent Application of: Achintya Bhowmik, et al.  
Application No.: 09/991,337  
Filed: November 13, 2001  
For: "Electro-Optic Modulator"  
Enclosed are the following documents: Attached are the following: the  
Transmittal form, the Fee transmittal (in duplicate) and the Office action  
Response with a 2 month extension of time request.

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	09/991,337
		Filing Date	November 13, 2001
		First Named Inventor	Ashutya Bhowmik
		Art Unit	2822
		Examiner Name	Guerrero, Maria F.
Total Number of Pages in This Submission	12	Attorney Docket Number	42390P11434

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/BB/06 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">         First Class Certificate of Mailing and the stamped return postcard       </div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kenneth J. Cool, Reg. No. 40,570 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	<i>[Handwritten Signature]</i>
Date	May 18, 2004

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Based on PTO/BB/21 (03-04) as modified by Blakely, Sokoloff, Taylor & Zafman (info) 09/10/2004.  
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<b>FEE TRANSMITTAL for FY 2004</b>		<i>Complete if Known</i>	
Effective 04/01/2004. Patent fees are subject to annual revision.		Application Number	09/991,337
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		First Named Inventor	Achintya Bhowmik
		Examiner Name	Guerrero, Maria F.
		Art Unit	2822
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.			
TOTAL AMOUNT OF PAYMENT (\$)		420.00	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)																																																																																																																																																																																														
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late filing fee or cash		1002	50	2002	25	Surcharge - late provisional filing fee or cover sheet		2003	130	2009	130	Non-English specification		1012	2,520	1010	2,520	For filing a request for examination		1004	820*	1004	820*	Requesting publication of SI prior to Examiner action		1003	1,040*	1005	1,040*	Requesting publication of SI after Examiner action		1201	110	2051	55	Extension for reply within first month		1202	420	2052	210	Extension for reply within second month	420.00	1203	950	2053	475	Extension for reply within third month		1204	1,480	2054	740	Extension for reply within fourth month		1205	2,010	2055	1,005	Extension for reply within fifth month		1404	330	2401	105	Motion of Appeal		1402	330	2402	105	Filing a brief in support of an appeal		1403	250	2403	145	Request for oral hearing		1451	1,510	2451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavailability		1453	1,330	2453	565	Petition to revive - unintentional		1501	1,330	2501	565	Utility model fee (or relative)		1502	480	2502	240	Design input fee		1503	640	2503	320	Plant input fee		1400	130	2400	130	Publication to the Commissioner		1607	50	1607	50	Processing fee under 37 CFR 1.17(d)		1606	180	1606	180	Submission of Information Disclosure Sheet		2021	40	2021	40	Recording each patent assignment per proper (claim number of proposals)		1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.120(a))		1810	770	2810	285	For each additional invention to be examined (37 CFR § 1.120(b))		1801	770	2801	365	Request for Continued Examination (RCE)		1802	900	1802	900	Request for amended examination of a design application		Other fee (specify): _____						SUBTOTAL (3) (\$)					
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\*For number previously paid, if greater; \*For field use, see below

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		First Named Inventor	Achintya Bhowmik
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Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation																																													
The Commissioner is authorized to (check all that apply): <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit duty overpayments <input type="checkbox"/> Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.118, 1.17, 1.18 and 1.20. <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.																																													
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*or number previously paid, if greater. For Relaque, see below																																													
		SUBTOTAL (3) (5) 420.00																																											

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Kenneth J. Cool	Registration No. (Attorney/Agent)	40,570
Signature		Telephone	(408) 850-1229
		Date	5-18-04

Based on PTO/RSB/17 (10-03) as modified by Blaisley, Borkhoff, Taylor & Zelman (ed.) 02/10/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22315-1450

MAY 18 2004

OFFICIAL

Docket No.: 42390.P11434

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/991,337 Confirmation No. 3513  
Inventor : Achintya Bhowmik  
Assignee : Intel Corporation  
Filed : Nov. 13, 2001  
Art Unit : 2822  
Examiner : Guerrero, Maria F.  
Title : ELECTRO-OPTIC MODULATOR

OFFICE ACTION RESPONSE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed December 19, 2003, reconsideration and further examination of the application is hereby requested. Kindly consider the following:

CERTIFICATE OF TRANSMISSION

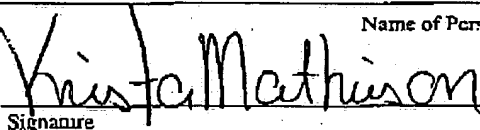
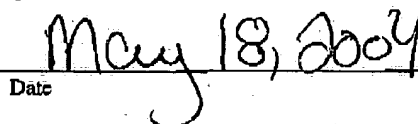
I hereby certify that I am causing the above-referenced correspondence to be facsimile transmitted to the US Patent and Trademark Office on the date shown below:

May 18, 2004

Date of Transmission

Krista A. Mathieson

Name of Person Faxing Correspondence

  
Signature  
Date

Docket No.: 42390.P11434  
Appl. No.: 09/991,337

1

Docket No.: 42390.P11434

**INTRODUCTORY COMMENTS**

**Request for an Extension of Time**

This Office Action Response is submitted in response to the Office Action dated December 19, 2003 for which the shortened statutory period for response was set to expire on March 19, 2003. It is believed that a two-month extension of time fee is required to extend the period of reply to May 19, 2004. In the event any extension of time fee is required, or any other fee related to this Response is required, please consider this a request therefore. Authorization is hereby given to charge Deposit Account No. 50-0221 for such fee or fees.

**Authorization to Charge Deposit Account**

Authorization is hereby given to charge Deposit Account No. 50-0221 for any fee or fees related to this Office Action Response.